

INFORMATION DISCLOSURE CITATION

PTO-1449

ATTORNEY'S DKT NO.
021565-078

APPLICATION NO.
TBA (Div of
09/176 320)

APPLICANT

FILING DATE
Even date herewith

GROUP

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT						Translation	
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

OTHER DOCUMENTS (including References)	
AFC/C	A. Devonshire et al., "A Carboxylesterase with Broad Substrate Specificity Causes Organophosphorus, Carbamate and Pyrethroid Resistance in Peach - Potato Aphids (<i>Myzus persicae</i>) <i>Pesticide Biochemistry and Physiology</i> (1982) 18:235-246
	C. Hofmann et al., "Specificity of <i>Bacillus thuringiensis</i> -endotoxins is Correlated With the Presence of High-Affinity Binding Sites in the Brush Border Membrane of Target Insect Midguts", <i>Proc. Natl. Acad. Sci. USA</i> (1988) 85:7844-7848
	Van Mellaert et al "Binding of Different Types of <i>Bacillus Thuringiensis</i> Delta-Endotoxins to Midgut Brush Border Membrane Vesicles is Correlated with the Insecticidal Spectrum", XXI Annual Meeting of the Society for Invertebrate Pathology at the University of California, San Diego at La Jolla on August 14-18, 1988.
	H. Van Mellaert et al., "The Mode of Action of <i>Bacillus Thuringiensis</i> Delta-Endotoxins: Binding to Lepidopteran Midcut Membranes" <i>Insect Pathology and Biological Control</i> , VIIIC2, pp. 257
AVR/C	M. Vaeck et al., "Transgenic Plants Protected From Insect Attack", <i>Nature</i> 328:33-37 (1987)
EXAMINER	DATE CONSIDERED 7/5/00

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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			APPLICANT Van Mellaert et al.			
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FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No
A/C/L	EPO228838	Europe	—	—	—
	WO88/08880		PCT	—	—	—
	EP0192319		Europe	—	—	—
	EP0221024		Europe	—	—	—
A/C/L	EP0193259		Europe	—	—	—
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
A/C/L	"Simultaneous Expression of Two Kinds of Insecticidal Proteins," <i>Patent Abstracts of Japan</i> , Vol. 13, No. 326, (1989) C-620					
	"A Translation Fusion Product of Two Different Insecticidal Crystal Protein Genes of <i>Bacillus thuringiensis</i> Exhibits an Enlarged Insecticidal Spectrum" <i>Chemical Abstracts</i> , Vol. 112, No. 21 (1990), p. 262, 193742F					
	"Binding of the Delta Endotoxin From <i>Bacillus thuringiensis</i> to Brush Border Membrane Vesicles of the Cabbage Butterfly (<i>Pieris brassiae</i>)", <i>Eur. J. Biochem</i> , Vol. 173 (1988), pp. 85-91					
	"Specificity of <i>Bacillus thuringiensis</i> Delta-Endotoxins is Corrected With The Presence of High-Affinity Binding Sites in the Brush Border Membrane of Target Insect Midgut", <i>Proc. Natl. Acad. Sci.</i> , Vol. 85 (1988), pp. 7844-7848					
A/C/L	"Chimera Insecticidal Protein of <i>Bacillus thuringiensis</i> ", <i>Patent Abstracts of Japan</i> , Vol. 12, No. 391 (1988) (C-537)					
EXAMINER	<i>Jill M. Field</i>			DATE CONSIDERED <i>1/10/00</i>		

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<i>Ack</i>	5,866,784	2/2/99	Van Mellaert et al.	—	—	—
<i>Ack</i>	5,908,970	6/1/99	Van Mellaert et al.	—	—	—
FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
<i>Ack</i>	Christinia Hofmann, "The Binding of <i>Bacillus thuringiensis</i> Delta-Endotoxin to Cultured Insect Cells and to Brush Border Membrane Vesicles", a dissertation submitted to the Swiss Federal Institute of Technology in Zurich, Switzerland, for the degree of Doctor of Natural Sciences, ADAG Administration & Druck AG, Zurich 1988 , Diss. ETH No. 8498					
EXAMINER				DATE CONSIDERED <i>3/15/00</i>		

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